

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A construction machine for working pieces of ground, having a milling roller (10) ~~on whose~~ with a surface with a plurality of arranged chisel holders (23) ~~is arranged~~, wherein a chisel (30), ~~in particular including~~ a round shaft chisel, is exchangeably received in a chisel receiver (24) of the chisel holder (23), and wherein a tool changing device at least one of removes the chisel ~~[[s]]~~ (30) from the chisel holder (23) and ~~[[or]]~~ installs ~~them in it~~, characterized in that the chisel (30) in the chisel holder (23), the construction machine comprising:

the tool changing device ~~[[is]]~~ assigned to the milling roller (10), and at least one of a displacement device ~~positions~~ positioning one of the milling roller (10) and ~~[[or]]~~ the chisel (30) ~~in relation~~ relative to at least one tool changer (40), ~~and/or~~ and an actuating unit ~~positions~~ positioning the at least one tool changer (40) ~~in relation~~ relative to the milling roller (10).

2. (Currently Amended) A construction machine for working pieces of ground, having a milling roller (10) ~~on whose~~ with a surface with a plurality of arranged chisel holders (23) ~~is arranged~~, wherein a chisel (30), ~~in particular including~~ a round shaft chisel, is exchangeably received in a chisel receiver (24) of

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the chisel holder (23), and wherein a tool changing device at least one of removes the chisel~~[[s]]~~ (30) from the chisel holder (23) and~~[[/or]]~~ installs ~~them in it~~, characterized in that the chisel (30) in the chisel holder (23), the construction machine comprising:

the tool changing device ~~imparts~~ imparting at least one dynamic pulse to at least one of the milling roller (10), a portion of the milling roller (10), the chisel holder (23), ~~[[or]]~~ and a group of chisel holders (23), and ~~that because of the~~ with a mass inertia of the chisel (30) the pulse ~~introduces~~ introducing an ejection force in the chisel (30).

3. (Currently Amended) The construction machine in accordance with claim ~~1 or 2~~, wherein ~~characterized in that~~ the tool changing device is a mechanical tool device.

4. (Currently Amended) The construction machine in accordance with ~~one of claims 1 to 3~~, characterized in that claim 3, wherein the tool changing device is arranged in ~~the~~ an interior of the milling roller (10).

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5. (Currently Amended) The construction machine in accordance with ~~one of claims 1 to 3, characterized in that~~ claim 3, wherein the tool changing device is arranged outside of the milling roller (10).

6. (Currently Amended) The construction machine in accordance with ~~one of claims 1 to 5, characterized in that~~ claim 5, wherein the tool changing device has at least one tool changer (40)[[,]] which can be assigned to one of the individual chisel holders (23), ~~or and~~ groups of the chisel holders, by ~~means of~~ an actuating unit.

7. (Currently Amended) The construction machine in accordance with ~~one of claims 1 to 5, characterized in that~~ claim 5, wherein the tool changing device has a tool changer (40), which is simultaneously assigned to all of the chisels (23).

8. (Currently Amended) The construction machine in accordance with ~~one of claims 1 to 5, characterized in that~~ claim 5, wherein a tool changer (40) of the tool changing device is respectively assigned to each of the chisel holder holders (23).

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9. (Currently Amended) The construction machine in accordance with claim 8, wherein ~~characterized in that~~ the tool changer (40) is fixedly connected with the chisel holder (23).

10. (Currently Amended) The construction machine in accordance with claim 2, wherein ~~characterized in that~~ the dynamic pulse is generated by ~~means of~~ a vibration device.

11. (Currently Amended) The construction machine in accordance with claim 2, wherein ~~characterized in that~~ at least one stop (51) is assigned to the milling roller (10)[[,]] which ~~is provided with~~ has a contact face (52) pointing in ~~the~~ a work movement direction, and a pulse generator (50) creates a force on the contact face (52)[[,]] which is directed opposite the work movement direction.

12. (Currently Amended) The construction machine in accordance with claim 11, wherein ~~characterized in that~~ the pulse generator ~~[[(05)]]~~ (50) is a mallet[[,]] which acts with a ~~[[its]]~~ weight on ~~this~~ the contact face (52).

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13. (Currently Amended) The construction machine in accordance with ~~one of the preceding claims, characterized in that~~ claim 12, wherein the milling roller (10) is coupled with a drive motor of the construction machine by ~~means of a drive train, wherein~~ the displacement device has an auxiliary drive which can be coupled with the drive train~~[[,]]~~ and which turns the milling roller (10) in the raised position, and wherein the a torque of the auxiliary drive is greater than an the inertia of the milling roller (10) and of the portion of the drive train moving together with the milling roller (10)~~[[,]]~~ when the drive motor is one of switched off ~~[[or]]~~ and uncoupled.

14. (Currently Amended) The construction machine in accordance with ~~one of claims 6 to 13, characterized in that~~ claim 13, wherein the actuating unit positions the at least one tool changer (40) relative to the milling roller (10).

15. (Currently Amended) The construction machine in accordance with ~~one of claims 1 to 14, characterized in that~~ claim 14, wherein at least one of the actuating unit ~~and/or~~ and the displacement device have a position measuring system, and the at least one of the actuating unit ~~and/or~~ and the displacement device are equipped with a numerical control.

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16. (Currently Amended) The construction machine in accordance with ~~one of claims 1 to 15, characterized in that~~ claim 15, wherein the tool changing device conveys the removed chisels (30) one of directly, ~~or~~ and via a conveying device[[,]] to a container.

17. (Currently Amended) The construction machine in accordance with ~~one of claims 1 to 16, characterized in that~~ claim 16, wherein a separating device is assigned to the tool changing device, and the separating device conveys the chisels (30) from a storage unit to the tool changing device.

18. (Currently Amended) The construction machine in accordance with ~~one of claims 1 to 17, characterized in that~~ claim 17, wherein a detection device is assigned to the milling roller (10)[[,]] which checks ~~the~~ a wear state of one of the chisels (30), ~~or of~~ a portion of the chisels (30), ~~or of~~ and a single chisel (30), one of continuously, at intervals, [[or]] and when directed, and ~~that~~, upon reaching a predetermined wear state[[,]] the detection device initiates ~~or signals~~ a tool change.

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19. (Currently Amended) The construction machine in accordance with claim 18, wherein ~~characterized in that~~ at least one signal reception unit of the detection device is assigned to at least one structural unit of the machine which one of directly [[or]] and indirectly participates in the working process, ~~that~~ the signal reception unit detects an operational state of ~~the~~ a structural unit of the machine, and the signal reception unit determines the wear state via a signal processing arrangement.

20. (New) The construction machine in accordance with claim 1, wherein the tool changing device is a mechanical tool device.

21. (New) The construction machine in accordance with claim 1, wherein the tool changing device is arranged in an interior of the milling roller (10).

22. (New) The construction machine in accordance with claim 1, wherein the tool changing device is arranged outside of the milling roller (10).

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23. (New) The construction machine in accordance with claim 1, wherein the tool changing device has at least one tool changer (40) which can be assigned to one of the individual chisel holders (23) and groups of the chisel holders, by an actuating unit.

24. (New) The construction machine in accordance with claim 1, wherein the tool changing device has a tool changer (40), which is simultaneously assigned to all of the chisels (23).

25. (New) The construction machine in accordance with claim 1, wherein a tool changer (40) of the tool changing device is respectively assigned to each of the chisel holders (23).

26. (New) The construction machine in accordance with claim 1, wherein the milling roller (10) is coupled with a drive motor of the construction machine by a drive train, the displacement device has an auxiliary drive which can be coupled with the drive train and which turns the milling roller (10) in the raised position, and a torque of the auxiliary drive is greater than an inertia of the milling roller (10) and of the portion of the drive train moving together with the milling roller (10) when the drive motor is one of switched off and uncoupled.

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27. (New) The construction machine in accordance with claim 6, wherein the actuating unit positions the at least one tool changer (40) relative to the milling roller (10).

28. (New) The construction machine in accordance with claim 1, wherein at least one of the actuating unit and the displacement device have a position measuring system, and the at least one of the actuating unit and the displacement device are equipped with a numerical control.

29. (New) The construction machine in accordance with claim 1, wherein the tool changing device conveys the removed chisels (30) one of directly and via a conveying device to a container.

30. (New) The construction machine in accordance with claim 1, wherein a separating device is assigned to the tool changing device, and the separating device conveys the chisels (30) from a storage unit to the tool changing device.

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31. (New) The construction machine in accordance with claim 1, wherein a detection device is assigned to the milling roller (10) which checks a wear state of one of the chisels (30), a portion of the chisels (30), and a single chisel (30), one of continuously, at intervals, and when directed, and upon reaching a predetermined wear state the detection device initiates a tool change.